



I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450

02 October 03  
Date

Carol Nottenburg  
Carol Nottenburg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andrzej Kilian and David Bowtell  
Title : VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES THEREOF  
Application No. : 09/502, 424  
Filing Date : 11 February 2000  
Examiner : Magorzata A Walicka  
Art Unit : 1652  
Docket No. : 407C1  
Date : October 2, 2003

*Official. Please enter*  
*M. Walicka*

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated 02 July 2003, Applicants submit the following Amendments and Remarks. Please amend the application as follows:

**Amendments to the Specification** beginning on page 2 of this paper.

**Amendments to the Claims** beginning on page 12 of this paper.

**Amendments to the Drawings** begin on page 24 of this paper and include both attached replacement sheets and annotated sheets showing changes.

**Remarks** beginning on page 25 of this paper.

**Attachments** including a Declaration and amended drawing figures are attached following page 36 of this paper.